WE CLAIMS

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1. A method of pre-processing class files comprising:

determining a plurality of duplicated elements in a plurality of class

5   files;

forming a shared table containing said plurality of duplicated elements;

removing said duplicated elements from said plurality of class files to

create a plurality of reduced class files; and

forming a multi-class file comprising said plurality of reduced class

10 files and said shared table.

2. The method of claim 1, further comprising:

computing an individual memory allocation requirement for each of

said plurality of reduced class files;

15 computing a total memory allocation requirement for said plurality of

class files from said individual memory allocation requirement of each of

said plurality of reduced class files; and

storing said total memory allocation requirement in said multi-class

file.

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